TCONNECT

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PRODUCT CATALOG

MAMMOTH ENERGY CO.,LTD.

2/6 ถนนราษฎร์พัฒนา แขวงราษฎร์พัฒนา เขตสะพานสูง
กรุงเทพมหานคร 10240
2/6 Rat Phatthana Road, Rat Phatthana Subdistrict, Saphan
Sung District, Bangkok 10240, Thailand
Tel : 02-002-1177 Email : sales@mammoth-energy.co.th

About Tconnect

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TCONNEC

SFP Serie
Network Solu

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155Mbps SFP Tran

Features

- Available distances up to
- Dual data-rate Up to 155M
- Compliant with SFP MSA
- Duplex LC connector
- Hot Pluggable
- Class 1 laser product com
- Support Digital Diagnosti
- Internal Calibration or Ext
- +3.3V single power suppl
- Operating case temperat

P/N	
TCM155MSR	155Mb/s MMF 8
TCM155MLR2	155Mb/s SMF 1
TCM155MLR10	155Mb/s SMF 1
TCM155MER	155Mb/s SMF 1
TCM155MZR	155Mb/s SMF 1

1Gbps SFP Trans

Features

- Up to 1.25Gbps di-directi
- Hot Pluggable SFP footpr
- Low power dissipation (1.
- Compact RJ-45 connector
- 1000 BASE-T operation in
- 10/100/1000Mbps compli
- +3.3V single power suppl
- Operating case temperat

P/N	
TCM1GBT	1000Base-T

Features

- Available distances up to
- Dual data-rate Up to 1.25G
- Compliant with SFP MSA
- Duplex LC connector
- Hot Pluggable
- Class 1 laser product com
- Support Digital Diagnosti
- Internal Calibration or Ext
- +3.3V single power suppl
- Operating case temperat

P/N	
TCM1GSR	1.25G 1000BASE-
TCM1GLR2	1.25G 1000BASE-
TCM1GLR10	1.25G 1000BASE-
TCM1GER	1.25G 1000BASE-
TCM1GZR	1.25G 1000BASE-
TCM1GZR120	1.25G 1000BASE-

1Gbps BiDi SFP Tra

Features

- Available distances up to
- Dual data-rate Up to 1.25G
- Compliant with SFP MSA
- Simplex LC connector
- Hot Pluggable
- Class 1 laser product com
- Support Digital Diagnosti
- Internal Calibration or Ext
- +3.3V single power supply
- Operating case temperat

P/N	I
TCM1GBI1315-10	1000BASE B 10km,Simple
TCM1GBI1513-10	1000BASE B 10km,Simple
TCM1GBI1315-20	1000BASE B 20km,Simpl
TCM1GBI1513-20	1000BASE B 20km,Simpl
TCM1GBI1315-40	1000BASE B 40km,Simpl
TCM1GBI1513-40	1000BASE B 40km,Simpl
TCM1GBI1315-60	1000BASE B 60km,Simpl
TCM1GBI1513-60	1000BASE B 60km,Simpl
TCM1GBI1315-80	1000BASE B 80km,Simpl
TCM1GBI1513-80	1000BASE B 80km,Simpl

10Gbps SFP+ Trar

Features

- Support Link up to 30m v
- IEEE 802.3az & 802.3an C
- IEEE 802.3bz for 5G & 2.5
- Hot Pluggable SFP footpr
- Compact RJ-45 connector
- Compliant with Multi-Sour
  Enhanced Small Form Fac
- SFF-8431 & SFF-8432 MSA
- +3.3V single power suppl
- Operating case temperat

P/N	I
TCM10GBT	10GBase-T SF CAT6a Modul

10Gbps SFP+ Tran

Features

- Available distances up to
- data-rate Up to 10Gbps
- Compliant with SFP MSA
- Duplex LC connector
- low power consumption
- Hot Pluggable
- Class 1 laser product com
- Support Digital Diagnosti
- Cost effective SFP+ soluti and greater bandwidth
- Advanced firmware allow information to be stored
- +3.3V single power suppl
- Operating case temperat

P/N	
TCM10GSR	10GBASE-SR 850
TCM10GLR2	10GBASE-LR 2kn
TCM10GLR	10GBASE-LR 10k
TCM10G15ER	10GBASE-ER 40k
TCM10G13ER	10GBASE-ER 40k
TCM10GZR	10GBASE-ZR 80k

10Gbps BiDi SFP+ Tr

Features

- Available distances up to
- Support 10Gb/s to 11.1Gb/
- Compliant with SFP MSA
- Single LC connector
- Hot Pluggable
- Class 1 laser product com
- Support Digital Diagnosti
- High transmission margin
- +3.3V single power suppl
- Operating case temperat

P/N	
TCM10GBI1213-10	10GBASE SF 1270nm-TX/
TCM10GBI1312-10	10GBASE SF 1330nm-TX/
TCM10GBI1213-20	10GBASE SF 1270nm-TX/
TCM10GBI1312-20	10GBASE SF 1330nm-TX/
TCM10GBI1213-40	10GBASE SF 1270nm-TX/
TCM10GBI1312-40	10GBASE SF 1330nm-TX/

P/N	
TCM10GBI1213-60	10GBASE SF 1270nm-TX/
TCM10GBI1312-60	10GBASE SF 330nm-TX/1
TCM10GBI1415-80	10GBASE SF 1490nm-TX/
TCM10GBI1514-80	10GBASE SF 1550nm-TX/

25Gbps SFP28 Tra

Features

- Available distances up to
- data-rate Up to 25Gbps
- Compliant with SFP MSA
- Duplex LC connector
- low power consumption
- Hot Pluggable
- All-metal housing for sup
- Low power consumption
- Advanced firmware allow information to be stored
- Cost effective SFP28 solu densities and greater ba
- +3.3V single power suppl
- Operating case temperat

P/N	
TCM25GSR	25Gb/s SR Multi M
TCM25GLR	25Gb/s LR Single
TCM25GER	25Gb/s ER Single

25Gbps BiDi SFP28

Features

- Available distances up to
- data-rate Up to 25Gbps
- Compliant with SFP MSA
- Single LC connector
- Hot Pluggable
- Class 1 laser product com
- Support Digital Diagnosti
- High transmission margin
- +3.3V single power suppl
- Operating case temperat

P/N	
TCM25GBIDI1213-3	25GBASE LC SMF C
TCM25GBIDI1312-3	25GBASE LC SMF C
TCM25GBIDI1213-10	25GBASE LC SMF C
TCM25GBIDI1312-10	25GBASE LC SMF C
TCM25GBIDI1213-40	25GBASE LC SMF C
TCM25GBIDI1312-40	25GBASE LC SMF C

40Gbps QSFP+ Tra

Features

- data-rate Up to 40Gbps
- Compliant with Multi-Sou
  Quad Small Form Factor P
- Duplex LC connector
- low power consumption
- Hot Pluggable QSFP form
- Class 1 laser product com
- Advanced firmware allow
  information to be stored
- Cost effective SFP28 solu
  and greater bandwidth
- +3.3V single power suppl
- Operating case temperat

P/N	
TCM40GSR	40GBASE-SF Transceiver
TCM40GSRBD	40GBASE-SF ransceiver M
TCM40GLR2	40GBASE-IR Transceiver
TCM40GLR	40GBASE-LF Transceiver
TCM40GER	40GBASE-EF Transceiver

50Gbps SFP56 Tra

Features

- Available distances up to
- data-rate Up to 50Gbps
- Compliant with Multi-Sou
- Duplex LC connector
- low power consumption
- Hot Pluggable QSFP form
- Class 1 laser product com
- Support Digital Diagnosti
- +3.3V single power suppl
- Operating case temperat

P/N	
TCM40GSR	40GBASE-SF Transceiver
TCM40GSRBD	40GBASE-SF ransceiver M

100Gbps QSFP28 Tr

Features

- Available distances up to
- data-rate Up to 100Gbps
- Compliant with Multi-Sou
- low power consumption
- Hot Pluggable QSFP form
- Maximum power consump
- Class 1 laser product com
- Support Digital Diagnosti
- +3.3V single power supply
- Operating case temperat

P/N	
TCM100GSR	100GBASE-SR4 10
TCM100GLR2	100G QSFP28 CW
TCM100GLR10	100GBASE-LR4 10
TCM100GER	100GBASE-ER4 40
TCM100GZR	100G QSFP28 ZR4

200Gbps QSFP56 Tr

Features

- Available distances up to
- data-rate Up to 200Gbps
- Compliant with Multi-Sou
- Low power consumption
- Hot Pluggable QSFP-DD f
- Class 1 laser product com
- Support Digital Diagnosti
- +3.3V single power supply
- Operating case temperat

P/N	
TCM200GSR	200G QSFP-DD SR4 85 Transceiver Module
TCM200GLR	200G QSFP-DD LR4 PA
TCM200GER	200G QSFP-DD ER4 PA

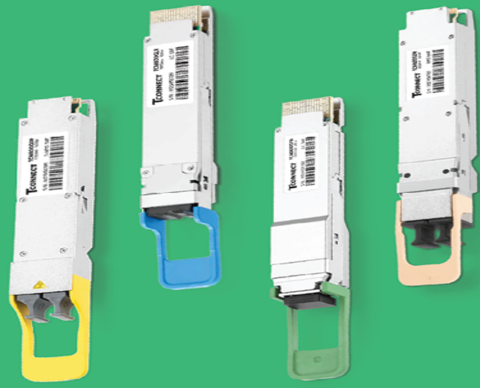
400Gbps QSFP-DD T

Features

- Available distances up to
- data-rate Up to 400Gbps
- Compliant with Multi-Sou
- Power Dissipation ≤ 8W
- Hot Pluggable QSFP-DD f
- Class 1 laser product com
- Support Digital Diagnosti
- +3.3V single power supply
- Operating case temperat

P/N	
TCM400GSR	100GBASE-SR4 10
TCM400GDR	100G QSFP28 CW
TCM400GFR	100GBASE-LR4 10
TCM400GLR	100GBASE-ER4 40
TCM400GER	100G QSFP28 ZR4

800Gbps QSFP-DD T



Features

- Available distances up to
- data-rate Up to 800Gbps
- Compliant with Multi-Sou
- Hot Pluggable QSFP-DD f
- Support Digital Diagnosti
- Class 1 laser product com
- +3.3V single power suppl
- Operating case temperat

P/N	
TCM800GSR	800G SR8 QSFF Optical Transce
TCM800GDR	QSFP-DD DR4 8 Transceiver Mo
TCM800GFR	QSFP-DD FR4 8 SMF Optical Tra
TCM800GLR	QSFP-DD 800G Transceiver Mo

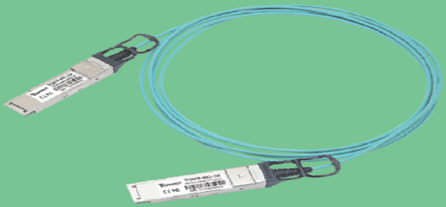
Fibre Channel Tra

Features

- Available distances up to
- data-rate Up to 64Gbps
- Compliant with Multi-Sou
- Hot Pluggable form facto
- Support Digital Diagnosti
- Class 1 laser product com
- +3.3V single power suppl
- Operating case temperat

P/N	
TCMFC4G-SW	Fibre Channel Transceiver M
TCMFC4G-LW	Fibre Channel Transceiver M
TCMFC4G-EW	Fibre Channel Transceiver M
TCMFC8G-SW	Fibre Channel Transceiver M
TCMFC8G-LW	Fibre Channel Transceiver M
TCMFC8G-EW	Fibre Channel Transceiver M
TCMFC16G-SW	Fibre Channel Transceiver M
TCMFC16G-LW	Fibre Channel Transceiver M
TCMFC32G-SW	Fibre Channel Transceiver M
TCMFC32G-LW	Fibre Channel Transceiver M
TCMFC64G-SW	Fibre Channel Transceiver M
TCMFC64G-LW	Fibre Channel Transceiver M

DAC / AOC 10G



Features

- Electrical interface compl
- Hot Pluggable
- Active Optical Cable XX
- Operating case temperat
- All-metal housing for sup

P/N

TCMAOC10G-XXM	**AOC 10G** 3, 5

Features

- Functionally identical to T
- Support for multi-gigabit
- I/O Connector designed signal applications
- Improved Pluggable Form enhanced EMI/EMC perfo
- Active Direct Attach Copp

P/N

TCMCAB10G-XXM	**DAC 10G**

DAC / AOC 20G

Features

- Up to 25 Gb/s data rate
- Hot-pluggable SFP28 form
- Single 3.3V power supply
- The customized label is a
- Different encode for each switch compatibility
- Active Optical Cable 5 me

P/N

TCMAOC10G-XXM	**AOC 10G** 3, 5,

Features

- Functionally identical to T
- Compliant with SFF-8402
- Compatible to SFP+ MSA
- Lowest total system EMI s
- Low insertion loss and low
- Passive Direct Attach Cop

P/N

TCMCAB10G-XXM	**DAC 10G**

MAMMOTH ENERGY CO.,LTD

2/6 ถนนราษฎร์พัฒนา แขวงราษฎร์พัฒนา เขตสะพานสูงกรุงเท

2/6 Rat Phatthana Road, Rat Phatthana Subdistrict,

District, Bangkok 10240, Thailand

Tel : 02-002-1177 Email : sales@mammoth-ener

www.mammoth-energ

www.itk.co.th | mammoth-energy.co.th | ITK Connecting CO.,LTD. | ITK connecting

IT Solution : www.itk.co.th